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PTO/SB/21 (6-98)
Approved for use through 09/30/2000. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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| | | | |
|--------------------------------------------------------------------------------------------|----------------------|------------------------|-------------|
| TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i> | Application Number | 09/742,579 | |
| | Filing Date | December 21, 2000 | |
| | First Named Inventor | Ozluturk et al. | |
| | Group Art Unit | 2631 | |
| | Examiner Name | Not Yet Known | |
| Total Number of Pages in This Submission | 14 | Attorney Docket Number | I-2-91.10US |

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| ENCLOSURES (check all that apply) | | |
|------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Assignment Papers (for an Application) | <input type="checkbox"/> After Allowance Communication to Group |
| <input type="checkbox"/> Fee Attached | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input type="checkbox"/> Amendment / Response | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Status Letter |
| <input type="checkbox"/> Extension of Time Request | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below): |
| <input type="checkbox"/> Express Abandonment Request | <input type="checkbox"/> Terminal Disclaimer | PTO-1449 Form; and Six (6) references cited thereon |
| <input checked="" type="checkbox"/> Information Disclosure Statement | <input type="checkbox"/> Small Entity Status Claimed | |
| <input type="checkbox"/> Certified Copy of Priority Document(s) | <input type="checkbox"/> Request for Refund | |
| <input type="checkbox"/> Response to Missing Parts/Incomplete Application | Remarks | |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | | |

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| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | |
|--------------------------------------------|----------------------------------------------|
| Firm or Individual name | Kao H. Lu, Esquire Volpe and Koenig, P.C. |
| Signature | |
| Date | 5/3/01 |

Reg. No. 43,761

| CERTIFICATE OF MAILING | | | |
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| I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on this date: | | | |
| Typed or printed name | | Kao H. Lu, Esquire | |
| Signature | | Date | 5/3/01 |

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Volpe and Koenig, P.C. Revision of

PTO/SB/17 (11-00)

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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) 0.00

Complete if Known

| | |
|----------------------|-------------------|
| Application Number | 09/742,579 |
| Filing Date | December 21, 2000 |
| First Named Inventor | Ozluturk et al. |
| Examiner Name | Not Yet Known |
| Group Art Unit | 2631 |
| Attorney Docket No. | I-2-91.10US |

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METHOD OF PAYMENT

- 1.
- ☐
- The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

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Number

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Deposit
Account
Name

Volpe and Koenig, P.C.

- ☒
- Charge Any Deficiency or Credit any Overpayment
-
- in the Total Fees Associated with this Communication

☐ Applicant claims small entity status.
See 37 CFR 1.27

- 2.
- ☐
- Payment Enclosed:

☐ Check ☐ Credit card ☐ Money
Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Fee Fee Fee Fee Description

| | | | | |
|-----------|-----------|------------------------|--|--|
| Code (\$) | Code (\$) | | | |
| 101 710 | 201 355 | Utility filing fee | | |
| 106 320 | 206 160 | Design filing fee | | |
| 107 490 | 207 245 | Plant filing fee | | |
| 108 710 | 208 355 | Reissue filing fee | | |
| 114 150 | 214 75 | Provisional filing fee | | |

Fee Paid

SUBTOTAL (1) (\$) 0.00

2. EXTRA CLAIM FEES

| | | | | |
|--------------------|--|--------------|----------------|----------|
| | | Extra Claims | Fee from below | Fee Paid |
| Total Claims | | - | ** | X |
| Independent Claims | | - | ** | X |
| Multiple Dependent | | | | |

Large Entity Small Entity

Fee Fee Fee Fee

Code (\$) Code (\$) | | |

Fee Description

| | | |
|---------|---------|------------------------------------------------------------|
| 103 18 | 203 9 | Claims in excess of 20 |
| 102 80 | 202 40 | Independent claims in excess of 3 |
| 104 270 | 204 135 | Multiple dependent claim, if not paid |
| 109 80 | 209 40 | ** Reissue independent claims over original patent |
| 110 18 | 210 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$) 0.00

*or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity | Small Entity | Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description |
|--------------|--------------|----------|----------|----------|----------|----------------------------------------------------------------------------|
| 105 130 | 205 65 | | | | | Surcharge - late filing fee or oath |
| 127 50 | 227 25 | | | | | Surcharge - late provisional filing fee or cover sheet |
| 139 130 | 139 130 | | | | | Non-English specification |
| 147 2,520 | 147 2,520 | | | | | For filing a request for ex parte reexamination |
| 112 920* | 112 920* | | | | | Requesting publication of SIR prior to Examiner action |
| 113 1,840* | 113 1,840* | | | | | Requesting publication of SIR after Examiner action |
| 115 110 | 215 55 | | | | | Extension for reply within first month |
| 116 390 | 216 195 | | | | | Extension for reply within second month |
| 117 890 | 217 445 | | | | | Extension for reply within third month |
| 118 1,390 | 218 695 | | | | | Extension for reply within fourth month |
| 128 1,890 | 228 945 | | | | | Extension for reply within fifth month |
| 119 310 | 219 155 | | | | | Notice of Appeal |
| 120 310 | 220 155 | | | | | Filing a brief in support of an appeal |
| 121 270 | 221 135 | | | | | Request for oral hearing |
| 138 1,510 | 138 1,510 | | | | | Petition to institute a public use proceeding |
| 140 110 | 240 55 | | | | | Petition to revive - unavoidable |
| 141 1,240 | 241 620 | | | | | Petition to revive - unintentional |
| 142 1,240 | 242 620 | | | | | Utility issue fee (or reissue) |
| 143 440 | 243 220 | | | | | Design issue fee |
| 144 600 | 244 300 | | | | | Plant issue fee |
| 122 130 | 122 130 | | | | | Petitions to the Commissioner |
| 123 50 | 123 50 | | | | | Processing fee under 37 CFR 1.17(q) |
| 126 180 | 126 180 | | | | | Submission of Information Disclosure Stmt |
| 581 40 | 581 40 | | | | | Recording each patent assignment per property (times number of properties) |
| 146 710 | 246 355 | | | | | Filing a submission after final rejection (37 CFR § 1.129(a)) |
| 149 710 | 249 355 | | | | | For each additional invention to be examined (37 CFR § 1.129(b)) |
| 179 710 | 279 355 | | | | | Request for Continued Examination (RCE) |
| 169 900 | 169 900 | | | | | Request for expedited examination of a design application |

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 0.00

SUBMITTED BY

Name (Print/Type)

Kao H. Lu, Esquire

Registration No.
(Attorney/Agent)

43,761

Complete (if applicable)

Telephone

215-568-6400

Signature

Date

5/15/01

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT
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In the **PATENT APPLICATION** of:

Ozluturk et al.

Our File: I-2-91.10US

Application No.: 09/742,579

Date: May 3, 2001

Filed: December 21, 2000

For: APPARATUS FOR INITIAL POWER
CONTROL FOR SPREAD-SPECTRUM
COMMUNICATIONS

Group: 2631

Examiner: Not Yet Known

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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

Further to applicants' Duty of Disclosure pursuant to 37 C.F.R. § 1.56, applicants wish to bring to the Examiner's attention the material cited on the enclosed PTO-1449 forms. This application is a continuation in part of Application No. 08/956,740, filed on October 23, 1997, which issued on April 10, 2001 as U.S. Patent No. 6,215,778.

Pursuant to 37 C.F.R. § 1.98(d) copies of documents identified on the PTO-1449 forms by an asterisk (*) are not enclosed since these documents were cited in one or more of the following parent applications: U.S. Patent Appln. No. 08/956,740, filed on October 23, 1997; U.S. Patent Appln. No. 08/669,775, filed on June 27, 1996, which issued on August 25, 1998 as U.S. Patent No. 5,799,010; U.S. Provisional Appln. No. 60/000,775, filed on June 30, 1995; U.S. Patent Appln. No. 09/003,104, filed on January 6, 1998; U.S.



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Applicant: Ozluturk et al.
Application No.: 09/742,579

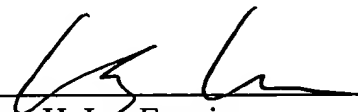
Patent Appln. No. 08/670,162, filed on June 27, 1996, which issued on November 24, 1998 as U.S. Patent No. 5,841,768; U.S. Patent Appln. No. 09/304,286, filed on May 3, 1999; U.S. Patent Appln. No. 08/671,068, filed on June 27, 1996, which issued on August 30, 1999 as U.S. Patent No. 5,940,382; U.S. Patent Appln. No. 09/354,042, filed on July 15, 1999; U.S. Patent Appln. No. 08/671,067, filed on June 27, 1996, which issued on September 14, 1999 as U.S. Patent No. 5,953,346; U.S. Patent Appln. No. 09/129,850, filed on August 6, 1998; U.S. Patent Appln. No. 08/670,160, filed on June 27, 1996; U.S. Patent Appln. No. 09/079,600, filed on May 15, 1998; U.S. Patent Appln. No. 08/671,221, filed on June 27, 1996, which issued on May 19, 1998 as U.S. Patent No. 5,754,803. However, copies will be provided upon request by the Examiner if desired. Copies of all other material cited are enclosed.

It is respectfully requested that the Examiner consider these documents and return an initialed copy of the PTO-1449 forms indicating his consideration of the cited materials.

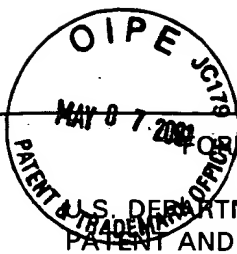
Respectfully submitted,

Ozluturk et al.

Volpe and Koenig, P.C.
Suite 400, One Penn Center
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Philadelphia, PA 19103

By 
Kao H. Lu, Esquire
Registration No. 43,761
(215) 568-6400

KHL/amc
Enclosures


Sheet 1 of 8

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.
I-2-91.10US

SERIAL NO.
09/742,579

APPLICANT
Ozluturk et al.

FILING DATE
December 21, 2000

GROUP
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U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | | | | | | | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|-----|-----------------|---|---|---|---|---|---|-------|---------------------|-------|----------|-------------------------------|
| | AA* | 3 | 7 | 6 | 1 | 6 | 1 | 0 | 09/73 | Krallinger et al. | | | |
| | AB* | 4 | 0 | 6 | 9 | 3 | 9 | 2 | 1/78 | Goldenberg et al. | | | |
| | AC* | 4 | 1 | 5 | 6 | 2 | 7 | 7 | 5/79 | Seitz et al. | | | |
| | AD* | 4 | 2 | 9 | 2 | 6 | 2 | 3 | 9/81 | Eswaran et al. | | | |
| | AE* | 4 | 3 | 8 | 4 | 3 | 0 | 7 | 5/83 | Kuzmik et al. | | | |
| | AF* | 4 | 3 | 8 | 5 | 2 | 0 | 6 | 5/83 | Bradshaw et al. | | | |
| | AG* | 4 | 4 | 2 | 5 | 6 | 6 | 5 | 1/84 | Stauffer | | | |
| | AH* | 4 | 4 | 5 | 8 | 3 | 1 | 4 | 7/84 | Grimes | | | |
| | AI* | 4 | 4 | 8 | 0 | 3 | 0 | 7 | 10/84 | Budde et al. | | | |
| | AJ* | 4 | 5 | 7 | 0 | 2 | 2 | 0 | 2/86 | Tetrick et al. | | | |
| | AK* | 4 | 5 | 8 | 3 | 1 | 2 | 4 | 04/86 | Tsuji et al. | | | |
| | AL* | 4 | 6 | 0 | 8 | 7 | 0 | 0 | 8/86 | Kirtley, Jr. et al. | | | |
| | AM* | 4 | 6 | 3 | 0 | 1 | 2 | 6 | 12/86 | Kaku et al. | | | |
| | AN* | 4 | 6 | 4 | 6 | 2 | 3 | 2 | 2/87 | Chang et al. | | | |
| | AO* | 4 | 6 | 6 | 7 | 1 | 9 | 2 | 5/87 | Schmid et al. | | | |
| | AP* | 4 | 6 | 7 | 5 | 8 | 6 | 5 | 6/87 | DeVries et al. | | | |
| | AQ* | 4 | 7 | 0 | 9 | 3 | 4 | 3 | 11/87 | Van Cang | | | |
| | AR* | 4 | 7 | 4 | 4 | 0 | 7 | 9 | 5/88 | Csapo et al. | | | |
| | AS* | 4 | 7 | 6 | 8 | 1 | 4 | 5 | 8/88 | Wheelwright et al. | | | |
| | AT* | 4 | 8 | 1 | 1 | 2 | 6 | 2 | 3/89 | White | | | |
| | AU* | 4 | 8 | 1 | 1 | 4 | 2 | 1 | 3/89 | Havel et al. | | | |

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I-2-91.10USSERIAL NO.
09/742,579U.S. DEPARTMENT OF COMMERCE
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Ozluturk et al.FILING DATE
December 21, 2000GROUP
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U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | | | | | | | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|------|-----------------|---|---|---|---|---|---|-------|--------------------|-------|----------|-------------------------------|
| | AV* | 4 | 8 | 6 | 2 | 4 | 0 | 2 | 8/89 | Shah et al. | | | |
| | AW* | 4 | 9 | 0 | 1 | 3 | 0 | 7 | 2/90 | Gilhousen et al. | | | |
| | AX* | 4 | 9 | 1 | 4 | 5 | 7 | 4 | 4/90 | Terada et al. | | | |
| | AY* | 5 | 0 | 2 | 2 | 0 | 4 | 9 | 6/91 | Abrahamson et al. | | | |
| | AZ** | 5 | 0 | 5 | 0 | 0 | 0 | 4 | 9/91 | Morton, Jr. | | | |
| | BA* | 5 | 0 | 5 | 6 | 1 | 0 | 9 | 10/91 | Gilhousen et al. | | | |
| | BB* | 5 | 0 | 8 | 4 | 9 | 0 | 0 | 1/92 | Taylor | | | |
| | BC* | 5 | 0 | 9 | 3 | 8 | 4 | 0 | 3/92 | Schilling | | | |
| | BD* | 5 | 1 | 0 | 3 | 4 | 5 | 9 | 4/92 | Gilhousen et al. | | | |
| | BE* | 5 | 1 | 0 | 5 | 4 | 2 | 3 | 4/92 | Tanaka et al. | | | |
| | BF* | 5 | 1 | 0 | 9 | 3 | 9 | 0 | 4/92 | Gilhousen et al. | | | |
| | BG* | 5 | 1 | 1 | 3 | 5 | 2 | 5 | 5/92 | Andoh | | | |
| | BH* | 5 | 1 | 1 | 5 | 4 | 2 | 9 | 5/92 | Hluckyj et al. | | | |
| | BI* | 5 | 1 | 1 | 7 | 3 | 8 | 5 | 5/92 | Gee | | | |
| | BJ* | 5 | 1 | 4 | 0 | 6 | 1 | 3 | 8/92 | Birgenheier et al. | | | |
| | BK* | 5 | 1 | 5 | 9 | 2 | 8 | 3 | 10/92 | Jensen | | | |
| | BL* | 5 | 1 | 5 | 9 | 5 | 5 | 1 | 10/92 | Brunnett et al. | | | |
| | BM* | 5 | 1 | 6 | 6 | 9 | 5 | 1 | 11/92 | Schilling | | | |
| | BN* | 5 | 1 | 9 | 3 | 0 | 9 | 4 | 3/93 | Viterbi | | | |
| | BO* | 5 | 1 | 9 | 9 | 0 | 6 | 1 | 3/93 | Kim | | | |
| | BP* | 5 | 2 | 0 | 4 | 8 | 7 | 6 | 4/93 | Bruckert et al. | | | |

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| EXAMINER INITIAL | | DOCUMENT NUMBER | | | | | | | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|-----|-----------------|---|---|---|---|---|---|-------|-------------------|-------|----------|-------------------------------|
| | BQ* | 5 | 2 | 2 | 4 | 1 | 2 | 0 | 6/93 | Schilling | | | |
| | BR* | 5 | 2 | 2 | 8 | 0 | 5 | 4 | 7/93 | Rueth et al. | | | |
| | BS* | 5 | 2 | 2 | 8 | 0 | 5 | 6 | 7/93 | Schilling | | | |
| | BT* | 5 | 2 | 3 | 5 | 6 | 1 | 4 | 8/93 | Bruckert et al. | | | |
| | BU* | 5 | 2 | 3 | 7 | 5 | 8 | 6 | 8/93 | Bottomley | | | |
| | BV* | 5 | 2 | 4 | 1 | 6 | 9 | 0 | 8/93 | Larsson et al. | | | |
| | BW* | 5 | 2 | 4 | 5 | 6 | 2 | 9 | 9/93 | Hall | | | |
| | BX* | 5 | 2 | 5 | 3 | 2 | 6 | 8 | 10/93 | Omura et al. | | | |
| | BY* | 5 | 2 | 5 | 3 | 3 | 4 | 7 | 10/93 | Bagnoli et al. | | | |
| | BZ* | 5 | 2 | 5 | 7 | 2 | 8 | 3 | 10/93 | Gilhousen et al. | | | |
| | CA* | 5 | 2 | 5 | 8 | 9 | 4 | 0 | 11/93 | Coker et al. | | | |
| | CB* | 5 | 2 | 6 | 0 | 9 | 6 | 7 | 11/93 | Schilling | | | |
| | CC* | 5 | 2 | 6 | 2 | 9 | 7 | 4 | 11/93 | Hausman et al. | | | |
| | CD* | 5 | 2 | 6 | 5 | 1 | 1 | 9 | 11/93 | Gilhousen et al. | | | |
| | CE* | 5 | 2 | 6 | 7 | 2 | 6 | 2 | 11/93 | Wheatley, III | | | |
| | CF* | 5 | 2 | 7 | 4 | 4 | 7 | 4 | 12/93 | Medina | | | |
| | CG* | 5 | 2 | 7 | 6 | 6 | 8 | 4 | 1/94 | Pearson | | | |
| | CH* | 5 | 2 | 8 | 3 | 5 | 3 | 6 | 2/94 | Wheatley, III | | | |
| | CI* | 5 | 2 | 8 | 7 | 2 | 9 | 9 | 2/94 | Lin | | | |
| | CJ* | 5 | 2 | 8 | 7 | 4 | 6 | 3 | 2/94 | Frame et al. | | | |
| | CK* | 5 | 2 | 9 | 5 | 1 | 5 | 2 | 3/94 | Gudmundson et al. | | | |
| | CL* | 5 | 2 | 9 | 7 | 1 | 6 | 2 | 3/94 | Lee et al. | | | |

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|---------------------|-----|-----------------|---|---|---|---|---|---|-------|-----------------------|-------|----------|-------------------------------|
| | CM* | 5 | 2 | 9 | 9 | 2 | 2 | 8 | 3/94 | Hall | | | |
| | CN* | 5 | 3 | 0 | 5 | 3 | 4 | 9 | 4/94 | Dent | | | |
| | CO* | 5 | 3 | 0 | 9 | 4 | 7 | 4 | 5/94 | Gilhousen et al. | | | |
| | CP* | 5 | 3 | 1 | 1 | 4 | 5 | 9 | 5/94 | D'Luna et al. | | | |
| | CQ* | 5 | 3 | 2 | 7 | 4 | 5 | 5 | 7/94 | DeGaudenzi et al. | | | |
| | CR* | 5 | 3 | 2 | 7 | 4 | 6 | 7 | 7/94 | DeGaudenzi et al. | | | |
| | CS* | 5 | 3 | 3 | 9 | 1 | 7 | 4 | 8/94 | Harris | | | |
| | CT* | 5 | 3 | 4 | 1 | 3 | 9 | 6 | 8/94 | Higgins et al. | | | |
| | CU | 5 | 3 | 4 | 3 | 3 | 3 | 5 | 8/94 | Hara | | | |
| | CV* | 5 | 3 | 4 | 5 | 5 | 9 | 8 | 9/94 | Dent | | | |
| | CW | 5 | 3 | 4 | 7 | 5 | 3 | 6 | 9/94 | Meehan | | | |
| | CX* | 5 | 3 | 4 | 9 | 6 | 0 | 6 | 9/94 | Lovell et al. | | | |
| | CY* | 5 | 3 | 5 | 1 | 1 | 3 | 4 | 9/94 | Yaguchi et al. | | | |
| | CZ* | 5 | 3 | 5 | 3 | 3 | 0 | 2 | 10/94 | Bi | | | |
| | DA* | 5 | 3 | 5 | 3 | 3 | 5 | 2 | 10/94 | Dent et al. | | | |
| | DB* | 5 | 3 | 5 | 5 | 4 | 5 | 3 | 10/94 | Row et al. | | | |
| | DC* | 5 | 3 | 6 | 3 | 3 | 7 | 7 | 11/94 | Sharpe | | | |
| | DD* | 5 | 3 | 6 | 7 | 5 | 3 | 3 | 11/94 | Schilling | | | |
| | DE* | 5 | 3 | 7 | 3 | 5 | 0 | 2 | 12/94 | Turban | | | |
| | DF* | 5 | 3 | 7 | 7 | 1 | 8 | 3 | 12/94 | Dent | | | |
| | DG* | 5 | 3 | 7 | 9 | 2 | 4 | 2 | 1/95 | Rose et al. | | | |
| | DH* | 5 | 3 | 9 | 2 | 2 | 8 | 7 | 2/95 | Tiedemann, Jr. et al. | | | |

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(Use several sheets if necessary)

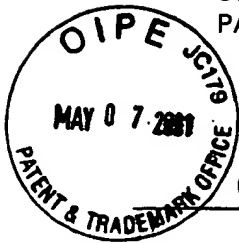
U.S. PATENT DOCUMENTS

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|---------------------|-----|-----------------|---|---|---|---|---|---|-------|------------------|-------|----------|-------------------------------|
| | DI* | 5 | 3 | 9 | 6 | 5 | 1 | 6 | 3/95 | Padovani et al. | | | |
| | DJ* | 5 | 3 | 9 | 8 | 2 | 4 | 3 | 3/95 | Aguilhon et al. | | | |
| | DK* | 5 | 4 | 0 | 4 | 3 | 7 | 6 | 4/95 | Dent | | | |
| | DL* | 5 | 4 | 0 | 6 | 5 | 5 | 9 | 4/95 | Edem et al. | | | |
| | DM* | 5 | 4 | 1 | 4 | 7 | 2 | 8 | 5/95 | Zehavi | | | |
| | DN* | 5 | 4 | 1 | 4 | 7 | 2 | 9 | 5/95 | Fenton | | | |
| | DO* | 5 | 4 | 1 | 4 | 7 | 3 | 2 | 5/95 | Kaufmann | | | |
| | DP* | 5 | 4 | 1 | 6 | 7 | 9 | 7 | 5/95 | Gilhousen et al. | | | |
| | DQ* | 5 | 4 | 1 | 8 | 6 | 2 | 4 | 5/95 | Ahmed | | | |
| | DR* | 5 | 4 | 2 | 0 | 8 | 9 | 6 | 5/95 | Schilling | | | |
| | DS* | 5 | 4 | 3 | 0 | 7 | 2 | 4 | 7/95 | Fall et al. | | | |
| | DT* | 5 | 4 | 3 | 0 | 7 | 6 | 0 | 7/95 | Dent | | | |
| | DU* | 5 | 4 | 4 | 0 | 5 | 9 | 7 | 8/95 | Chung et al. | | | |
| | DV* | 5 | 4 | 4 | 2 | 6 | 6 | 2 | 8/95 | Fukasawa et al. | | | |
| | DW* | 5 | 4 | 4 | 6 | 6 | 8 | 3 | 8/95 | Mullen et al. | | | |
| | DX* | 5 | 4 | 4 | 6 | 7 | 5 | 6 | 8/95 | Mallinckrodt | | | |
| | DY* | 5 | 4 | 5 | 9 | 7 | 5 | 9 | 10/95 | Schilling | | | |
| | DZ* | 5 | 4 | 8 | 3 | 5 | 4 | 9 | 1/96 | Weinberg et al. | | | |
| | EA* | 5 | 4 | 8 | 7 | 0 | 8 | 9 | 1/96 | Misaizu et al. | | | |
| | EB* | 5 | 4 | 8 | 8 | 6 | 2 | 9 | 1/96 | Takahashi et al. | | | |
| | EC* | 5 | 5 | 0 | 9 | 1 | 2 | 6 | 4/96 | Oprescu et al. | | | |
| | ED* | 5 | 5 | 1 | 9 | 7 | 3 | 6 | 5/96 | Ishida | | | |

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|---------------------|-----|-----------------|---|---|---|---|---|---|-------|-----------------|-------|----------|-------------------------------|
| | EE* | 5 | 5 | 2 | 8 | 5 | 9 | 3 | 6/96 | English et al. | | | |
| | EF* | 5 | 5 | 4 | 4 | 1 | 5 | 6 | 8/96 | Teder et al. | | | |
| | EG* | 5 | 5 | 4 | 8 | 6 | 1 | 3 | 8/96 | Kaku et al. | | | |
| | EH* | 5 | 5 | 5 | 0 | 8 | 1 | 1 | 8/96 | Kaku et al. | | | |
| | EI* | 5 | 5 | 5 | 9 | 7 | 9 | 0 | 9/96 | Yano et al. | | | |
| | EJ* | 5 | 5 | 6 | 1 | 6 | 6 | 9 | 10/96 | Lenny et al. | | | |
| | EK* | 5 | 5 | 6 | 3 | 9 | 1 | 2 | 10/96 | Yasunaga | | | |
| | EL* | 5 | 5 | 9 | 6 | 5 | 7 | 0 | 1/97 | Soliman | | | |
| | EM* | 5 | 6 | 1 | 9 | 5 | 2 | 4 | 4/97 | Ling et al. | | | |
| | EN* | 5 | 6 | 5 | 7 | 3 | 4 | 3 | 8/97 | Schilling | | | |
| | EO* | 5 | 6 | 7 | 3 | 2 | 8 | 6 | 9/97 | Lomp | | | |
| | EP* | 5 | 7 | 1 | 2 | 8 | 6 | 9 | 1/98 | Lee et al. | | | |
| | EQ* | 5 | 7 | 4 | 5 | 4 | 8 | 4 | 4/98 | Scott | | | |
| | ER* | 5 | 8 | 4 | 1 | 7 | 6 | 8 | 11/98 | Ozluturk et al. | | | |
| | ES* | 5 | 9 | 4 | 0 | 3 | 8 | 2 | 8/99 | Haim | | | |

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| | ET* | 0 | 3 | 7 | 2 | 3 | 5 | 9A2 | 6/90 | Europe | | | | |
| | EU* | 0 | 5 | 6 | 5 | 5 | 0 | 7 | 10/93 | Europe | | | | |
| | EV* | 0 | 5 | 2 | 5 | 8 | 6 | 0A2 | 2/93 | Europe | | | | |
| | EW* | 0 | 0 | 2 | 2 | 1 | 7 | 0A2 | 1/81 | Europe | | | | |

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| | | | | | | | | | | | | | YES | NO |
| | EX* | 0 | 4 | 6 | 4 | 8 | 3 | 9 | 1/92 | Europe | | | | |
| | EY* | 0 | 5 | 2 | 6 | 1 | 0 | 6 | 2/93 | Europe | | | | |
| | EZ* | 0 | 6 | 5 | 4 | 9 | 1 | 3 | 5/95 | Europe | | | | |
| | FA* | 0 | 6 | 5 | 6 | 7 | 1 | 6 | 6/95 | Europe | | | | |
| | FB* | 0 | 6 | 6 | 8 | 6 | 6 | 2 | 8/95 | Europe | | | | |
| | FC* | 0 | 7 | 4 | 4 | 8 | 7 | 6 | 11/96 | Europe | | | | |
| | FD* | 3 | 7 | 4 | 3 | 7 | 3 | 1A | 7/89 | Germany | | | | |
| | FE* | 3 | 7 | 4 | 3 | 7 | 3 | 2A | 7/89 | Germany | | | | |
| | FF* | 2 | 3 | 0 | 1 | 7 | 4 | 6 | 12/96 | Great Britain | | | | |
| | FG | 62 | 2 | 5 | 6 | 5 | 1 | 6 | 11/87 | Japan | | | | X |
| | FH* | 02 | 2 | 5 | 6 | 3 | 3 | 1 | 10/90 | Japan | | | | |
| | FI* | H2- | 2 | 8 | 7 | 8 | 7 | 4 | 11/90 | Japan | | | | |
| | FJ | H4 | 2 | 2 | 2 | 1 | 1 | 1 | 8/92 | Japan | | | | |
| | FK* | H4- | 2 | 8 | 7 | 5 | 9 | 3 | 10/92 | Japan | | | | |
| | FL | H5 | 1 | 4 | 4 | 1 | 2 | 8 | 6/93 | Japan | | | | |
| | FM | H6 | 1 | 0 | 4 | 6 | 9 | 4 | 4/94 | Japan | | | | |
| | FN | H7 | 2 | 7 | 3 | 6 | 0 | 0 | 10/95 | Japan | | | | |
| | FO* | 9 | 2 | 0 | 0 | 6 | 3 | 9 | 1/92 | PCT | | | | |
| | FP* | 9 | 3 | 0 | 7 | 7 | 0 | 2 | 4/93 | PCT | | | | |
| | FQ* | 9 | 5 | 0 | 3 | 6 | 5 | 2 | 2/95 | PCT | | | | |
| | FR* | 9 | 7 | 0 | 2 | 6 | 6 | 5 | 1/97 | PCT | | | | |

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| U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | APPLICANT Ozluturk et al. | |
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| | | | | | | | | | | | | | YES | NO |
| | FS* | 9 | 5 | 0 | 7 | 5 | 7 | 8 | 3/95 | PCT | | | | |

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| | |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
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| FU* | Raymond W. Nettleton, "Spectral Efficiency in Cellular Land-Mobile Communications: A Spread-Spectrum Approach," UMI Dissertation Information Service, (1978), 204 pp. |
| FV* | Hossein Al Avi, "Power Control and Interference Management in a Spread-Spectrum Cellular Mobile Radio System," UMI Dissertation Information Services, (1984), 129pp. |
| FW* | "Code Division Multiple Access (CDMA)", Franz Josef Hagmanns, Volker Hespelt, 8273 ANT Nachrichtentechnische Berichte (1993) August, No. 10, Backnang, DE, PP. 64-71 |
| FX* | "CDMA and ATM-zwei Technologien, ein Ziel", 2323 Telcom Report (Siemens) 18 (1995) Maerz/April, No. 2, Munchen, DE, pp. 60-63 |
| FY* | Zhao Liu et al., "SIR-Based Call Admission Control for DS-CDMA Cellular Systems", IEEE Journal on Selected Areas in Communications, US, IEEE Inc. New York, vol. 12, no. 4, 1 May 1994, pages 638-644 |
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